

**WEST**

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L8: Entry 82 of 83

File: DWPI

Sep 4, 2002

DERWENT-ACC-NO: 2000-350531

DERWENT-WEEK: 200266

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TITLE: Sweetener with improved taste and taste masking agent comprise sucralose for e.g. foods, preservatives, pharmaceuticals, vitamins and drinks

INVENTOR: FUJII, M; HIRAO, K ; INOUE, M ; IWAI, K ; KAWAI, T ; KAWAMOTO, M ; KURIBI, S ; MORITA, Y ; OJIMA, N ; SAKAGUCHI, M ; SASAKI, C ; SHINGURYOU, M ; SHIZU, K ; YASUNAMI, N ; YOSHIFUJI, J

PRIORITY-DATA: 1999JP-0253232 (September 7, 1999), 1998JP-0307494 (October 28, 1998), 1998JP-0307495 (October 28, 1998), 1998JP-0307497 (October 28, 1998), 1998JP-0308457 (October 29, 1998), 1998JP-0308458 (October 29, 1998), 1998JP-0308460 (October 29, 1998), 1998JP-0308462 (October 29, 1998), 1998JP-0308463 (October 29, 1998), 1998JP-0308467 (October 29, 1998), 1998JP-0308468 (October 29, 1998), 1998JP-0308470 (October 29, 1998), 1998JP-0327140 (November 17, 1998), 1998JP-0327147 (November 17, 1998), 1998JP-0327150 (November 17, 1998), 1998JP-0327153 (November 17, 1998), 1998JP-0327157 (November 17, 1998), 1998JP-0327164 (November 17, 1998), 1998JP-0327165 (November 17, 1998), 1998JP-0327170 (November 17, 1998), 1998JP-0333943 (November 25, 1998), 1998JP-0333944 (November 25, 1998), 1998JP-0333945 (November 25, 1998), 1998JP-0333948 (November 25, 1998), 1998JP-0340274 (November 30, 1998), 1998JP-0353489 (December 11, 1998), 1998JP-0353490 (December 11, 1998), 1998JP-0353492 (December 11, 1998), 1998JP-0353495 (December 11, 1998), 1998JP-0353496 (December 11, 1998), 1998JP-0353498 (December 11, 1998), 1998JP-0353499 (December 11, 1998), 1998JP-0353501 (December 11, 1998), 1998JP-0353503 (December 11, 1998), 1998JP-0353504 (December 11, 1998), 1998JP-0353505 (December 11, 1998), 1998JP-0353507 (December 11, 1998), 1999JP-0016984 (January 26, 1999), 1999JP-0016989 (January 26, 1999), 1999JP-0016996 (January 26, 1999), 1999JP-0158511 (June 4, 1999), 1999JP-0158523 (June 4, 1999), 1999JP-0158529 (June 4, 1999), 1999JP-0158536 (June 4, 1999), 1999JP-0158543 (June 4, 1999), 1999JP-0158545 (June 4, 1999), 1999JP-0158550 (June 4, 1999), 1999JP-0158557 (June 4, 1999), 1999JP-0158560 (June 4, 1999), 1999JP-0158567 (June 4, 1999), 1999JP-0199770 (July 14, 1999), 1999JP-0199773 (July 14, 1999), 1999JP-0199776 (July 14, 1999), 1999JP-0199779 (July 14, 1999), 1999JP-0201685 (July 15, 1999), 1999JP-0249540 (September 3, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1210880 A8	September 4, 2002	E	000	A23L001/236
WO 200024273 A1	May 4, 2000	J	206	A23L001/236
JP 2000125807 A	May 9, 2000		004	A23L001/22
JP 2000135049 A	May 16, 2000		003	A21D002/18
JP 2000135055 A	May 16, 2000		003	A23C009/152
JP 2000135058 A	May 16, 2000		003	A23F003/14
JP 2000135062 A	May 16, 2000		003	A23L001/068
JP 2000135066 A	May 16, 2000		003	A23L001/212
JP 2000152757 A	June 6, 2000		004	A23L001/015
JP 2000152764 A	June 6, 2000		003	A23L001/226
JP 2000157184 A	June 13, 2000		003	A23L001/015
JP 2000157193 A	June 13, 2000		003	A23L001/20
JP 2000166462 A	June 20, 2000		003	A23B004/044
JP 2000169876 A	June 20, 2000		004	C11B009/00
JP 2000175630 A	June 27, 2000		003	A23L001/015
JP 2000175631 A	June 27, 2000		003	A23L001/035
JP 2000175647 A	June 27, 2000		004	A23L001/22
JP 2000175648 A	June 27, 2000		004	A23L001/22
JP 2000175649 A	June 27, 2000		004	A23L001/22
JP 2000175668 A	June 27, 2000		004	A23L003/3562
AU 9963663 A	May 15, 2000		000	A23L001/236
JP 2000197462 A	July 18, 2000		006	A23L001/22
JP 2000197463 A	July 18, 2000		005	A23L001/22
JP 2000279104 A	October 10, 2000		003	A23L001/03
JP 2001078703 A	March 27, 2001		004	A23L001/22
JP 2000577899 X	January 29, 2002		000	A23L001/236
EP 1210880 A1	June 5, 2002	E	000	A23L001/236

A, JP 2000175630 A, JP 2000175631 A, JP 2000175647 A

INT-CL (IPC): A21 D 2/18; A21 D 13/08; A23 B 4/00; A23 B 4/044; A23 B 7/00; A23 C 9/00; A23 C 9/13; A23 C 9/152; A23 C 9/156; A23 C 11/10; A23 C 21/08; A23 D 7/00; A23 F 3/14; A23 F 3/16; A23 F 5/14; A23 F 5/24; A23 G 1/00; A23 G 3/00; A23 G 3/30; A23 G 9/02; A23 J 7/00; A23 L 1/00; A23 L 1/015; A23 L 1/03; A23 L 1/035; A23 L 1/05; A23 L 1/068; A23 L 1/08; A23 L 1/09; A23 L 1/20; A23 L 1/211; A23 L 1/212; A23 L 1/22; A23 L 1/221; A23 L 1/226; A23 L 1/232; A23 L 1/236; A23 L 1/238; A23 L 1/24; A23 L 1/30; A23 L 1/307; A23 L 1/314; A23 L 1/32; A23 L 1/36; A23 L 1/48; A23 L 2/00; A23 L 2/02; A23 L 2/38; A23 L 2/52; A23 L 2/60; A23 L 3/00; A23 L 3/3508; A23 L 3/3526; A23 L 3/3562; A24 B 15/00; A61 K 7/16; A61 K 7/46; A61 K 35/78; A61 K 47/36; A61 P 3/04; A61 P 3/10; C08 B 37/00; C11 B 9/00; C12 G 3/00

ABSTRACTED-PUB-NO: WO 200024273A  
BASIC-ABSTRACT:

NOVELTY - Sweetener comprises sucralose and:

- (a) at least one of fructose, non-reducing disaccharide, sugar alcohol, 'bito'-oligosaccharides, licorice extract, stevia extract, rhamnose or thaumatin;
- (b) at least one of gluconic acid or its salt, glucono-delta-lactone, gymnemic acid or clarified milk minerals; or
- (c) soyabean polysaccharides.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for an agent comprising sucralose for:

- (i) masking odors from fish extracts containing docosahexaenoic acid, egg products, collagen, beans, fermented soya beans, prepared vegetables, vitamins, marine

products, flour, meat products or retort products;

(ii) masking the taste of natural pharmaceuticals, amino acids, peptides, vitamins and collagen; and

(iii) as a flavor improver and/or enhancer, a function improver or a taste characteristic improver.

USE - As a sweetener, taste and/or odor masking agent, flavor improver, function improver (e.g. viscosity, gelling properties or emulsification properties) taste characteristic improver and flavor improver and/or enhancer for sweeteners, foods (e.g. egg products, prepared vegetables, marine products, flour and meat products), drinks, confectionery (e.g. chocolate), preservatives, flavorings, pharmaceuticals (including natural drugs) and vitamins.

ADVANTAGE - Has high sweetness with no bitter aftertaste and can be used in smaller amounts than conventional sweeteners.

ABSTRACTED-PUB-NO: WO 200024273A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

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PATENT-ASSIGNEE: SAN-EI GEN FFI INC (SANEN), SANEIGEN FFI KK (SANEN)

PRIORITY-DATA: 1999JP-0253232 (September 7, 1999), 1998JP-0307494 (October 28, 1998), 1998JP-0307495 (October 28, 1998), 1998JP-0307497 (October 28, 1998), 1998JP-0308457 (October 29, 1998), 1998JP-0308458 (October 29, 1998), 1998JP-0308460 (October 29, 1998), 1998JP-0308462 (October 29, 1998), 1998JP-0308463 (October 29, 1998), 1998JP-0308467 (October 29, 1998), 1998JP-0308468 (October 29, 1998), 1998JP-0308470 (October 29, 1998), 1998JP-0327140 (November 17, 1998), 1998JP-0327147 (November 17, 1998), 1998JP-0327150 (November 17, 1998), 1998JP-0327153 (November 17, 1998), 1998JP-0327157 (November 17, 1998), 1998JP-0327164 (November 17, 1998), 1998JP-0327165 (November 17, 1998), 1998JP-0327170 (November 17, 1998), 1998JP-0333943 (November 25, 1998), 1998JP-0333944 (November 25, 1998), 1998JP-0333945 (November 25, 1998), 1998JP-0333948 (November 25, 1998), 1998JP-0340274 (November 30, 1998), 1998JP-0353489 (December 11, 1998), 1998JP-0353490 (December 11, 1998), 1998JP-0353492 (December 11, 1998), 1998JP-0353495 (December 11, 1998), 1998JP-0353496 (December 11, 1998), 1998JP-0353498 (December 11, 1998), 1998JP-0353499 (December 11, 1998), 1998JP-0353501 (December 11, 1998), 1998JP-0353503 (December 11, 1998), 1998JP-0353504 (December 11, 1998), 1998JP-0353505 (December 11, 1998), 1998JP-0353507 (December 11, 1998), 1999JP-0016984 (January 26, 1999), 1999JP-0016989 (January 26, 1999), 1999JP-0016996 (January 26, 1999), 1999JP-0158511 (June 4, 1999), 1999JP-0158523 (June 4, 1999), 1999JP-0158529 (June 4, 1999), 1999JP-0158536 (June 4, 1999), 1999JP-0158543 (June 4, 1999), 1999JP-0158545 (June 4, 1999), 1999JP-0158550 (June 4, 1999), 1999JP-0158557 (June 4, 1999), 1999JP-0158560 (June 4, 1999), 1999JP-0158567 (June 4, 1999), 1999JP-0199770 (July 14, 1999), 1999JP-0199773 (July 14, 1999), 1999JP-0199776 (July 14, 1999), 1999JP-0199779 (July 14, 1999), 1999JP-0201685 (July 15, 1999), 1999JP-0249540 (September 3, 1999)

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JP 2000135049 A	May 16, 2000		003	A21D002/18
JP 2000135055 A	May 16, 2000		003	A23C009/152
JP 2000135058 A	May 16, 2000		003	A23F003/14
JP 2000135062 A	May 16, 2000		003	A23L001/068
JP 2000135066 A	May 16, 2000		003	A23L001/212
JP 2000152757 A	June 6, 2000		004	A23L001/015
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JP 2000157184 A	June 13, 2000		003	A23L001/015
JP 2000157193 A	June 13, 2000		003	A23L001/20
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JP 2000577899 X	January 29, 2002		000	A23L001/236
EP 1210880 A1	June 5, 2002	E	000	A23L001/236

DESIGNATED-STATES: DE FR GB AE AL AM AT AU AZ BA BB BG BR BY CA CN CR CU CZ DK DM EE  
FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX NO NZ PL  
PT RO RU SE SG SI SK TJ TM TR TT UA US UZ VN YU ZA AT BE CH CY DE DK EA ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW DE FR GB

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1210880A8	October 28, 1999	1999EP-0951111	
EP 1210880A8	October 28, 1999	1999WO-JP05962	
EP 1210880A8		WO 200024273	Based on
WO 200024273A1	October 28, 1999	1999WO-JP05962	
JP2000125807A	October 28, 1998	1998JP-0307495	
JP2000135049A	October 29, 1998	1998JP-0308467	
JP2000135055A	October 29, 1998	1998JP-0308463	
JP2000135058A	October 29, 1998	1998JP-0308458	
JP2000135062A	October 29, 1998	1998JP-0308462	
JP2000135066A	October 29, 1998	1998JP-0308468	
JP2000152757A	November 17, 1998	1998JP-0327150	
JP2000152764A	November 17, 1998	1998JP-0327165	
JP2000157184A	November 25, 1998	1998JP-0333945	
JP2000157193A	November 25, 1998	1998JP-0333944	
JP2000166462A	December 11, 1998	1998JP-0353492	
JP2000169876A	December 11, 1998	1998JP-0353504	
JP2000175630A	December 11, 1998	1998JP-0353503	
JP2000175631A	December 11, 1998	1998JP-0353496	
JP2000175647A	December 11, 1998	1998JP-0353499	
JP2000175648A	December 11, 1998	1998JP-0353505	
JP2000175649A	December 11, 1998	1998JP-0353507	
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AU 9963663A	October 28, 1999	1999AU-0063663	
AU 9963663A		WO 200024273	Based on
JP2000197462A	October 28, 1999	1999JP-0307546	
JP2000197463A	October 28, 1999	1999JP-0307567	
JP2000279104A	January 26, 2000	2000JP-0016578	
JP2001078703A	July 16, 1999	1999JP-0202475	
JP2000577899X	October 28, 1999	1999WO-JP05962	
JP2000577899X	October 28, 1999	2000JP-0577899	
JP2000577899X		WO 200024273	Based on
EP 1210880A1	October 28, 1999	1999EP-0951111	
EP 1210880A1	October 28, 1999	1999WO-JP05962	
EP 1210880A1		WO 200024273	Based on

A , JP 2000175630 A , JP 2000175631 A , JP 2000175647 A INT-CL (IPC): A21 D 2/18; A21 D 13/08; A23 B 4/00; A23 B 4/044; A23 B 7/00; A23 C 9/00; A23 C 9/13; A23 C 9/152; A23 C 9/156; A23 C 11/10; A23 C 21/08; A23 D 7/00; A23 F 3/14; A23 F 3/16; A23 F 5/14; A23 F 5/24; A23 G 1/00; A23 G 3/00; A23 G 3/30; A23 G 9/02; A23 J 7/00; A23 L 1/00; A23 L 1/015; A23 L 1/03; A23 L 1/035; A23 L 1/05; A23 L 1/068; A23 L 1/08; A23 L 1/09; A23 L 1/20; A23 L 1/211; A23 L 1/212; A23 L 1/22; A23 L 1/221; A23 L 1/226; A23 L 1/232; A23 L 1/236; A23 L 1/238; A23 L 1/24; A23 L 1/30; A23 L 1/307; A23 L 1/314; A23 L 1/32; A23 L 1/36; A23 L 1/48; A23 L 2/00; A23 L 2/02; A23 L 2/38; A23 L 2/52; A23 L 2/60; A23 L 3/00; A23 L 3/3508; A23 L 3/3526; A23 L 3/3562; A24 B 15/00; A61 K 7/16; A61 K 7/46; A61 K 35/78; A61 K 47/36; A61 P 3/04; A61 P 3/10; C08 B 37/00; C11 B 9/00; C12 G 3/00

ABSTRACTED-PUB-NO: WO 200024273A  
BASIC-ABSTRACT:

NOVELTY - Sweetener comprises sucralose and:

(a) at least one of fructose, non-reducing disaccharide, sugar alcohol, 'bito'-oligosaccharides, licorice extract, stevia extract, rhamnose or thaumatin;

(b) at least one of gluconic acid or its salt, glucono-delta-lactone, gymnemic acid or clarified milk minerals; or

(c) soyabean polysaccharides.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for an agent comprising sucralose for:

(i) masking odors from fish extracts containing docosahexaenoic acid, egg products, collagen, beans, fermented soya beans, prepared vegetables, vitamins, marine products, flour, meat products or retort products;

(ii) masking the taste of natural pharmaceuticals, amino acids, peptides, vitamins and collagen; and

(iii) as a flavor improver and/or enhancer, a function improver or a taste characteristic improver.

USE - As a sweetener, taste and/or odor masking agent, flavor improver, function improver (e.g. viscosity, gelling properties or emulsification properties) taste characteristic improver and flavor improver and/or enhancer for sweeteners, foods (e.g. egg products, prepared vegetables, marine products, flour and meat products), drinks, confectionery (e.g. chocolate), preservatives, flavorings, pharmaceuticals (including natural drugs) and vitamins.

ADVANTAGE - Has high sweetness with no bitter aftertaste and can be used in smaller amounts than conventional sweeteners.

ABSTRACTED-PUB-NO: WO 200024273A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: B03 D13 E13 P15

CPI-CODES: B04-C01G; B04-N01A; B07-A02A; B07-A02B; B10-A07; B10-C04D; B14-E11; D03-H01A; D03-H01C; E07-A02A; E07-A02B; E10-A07; E10-B02C; E10-C04D;

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L8: Entry 82 of 83

File: DWPI

Sep 4, 2002

DERWENT-ACC-NO: 2000-350531

DERWENT-WEEK: 200266

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TITLE: Sweetener with improved taste and taste masking agent comprise sucralose for e.g. foods, preservatives, pharmaceuticals, vitamins and drinks

Basic Abstract Text (2):

(a) at least one of fructose, non-reducing disaccharide, sugar alcohol, 'bito'-oligosaccharides, licorice extract, stevia extract, rhamnose or thaumatin;